

Job Name: 1001 BELVEDERE CT.

Truss ID: N13

Qty: 5

Drawg: CO99272003-001

AG	X-LOC	REACT	SIZE	REQ'D	TOP CHORD	2nd SF	CL650FL5E
1	0-1-12	1050	3.50"	1.50"	TOP CHORD	2nd SF	CL650FL5E
2	20-10-4	1543	3.50"	1.77"	WEB	2nd SF	CL650FL5E

TC FORCE	AXL	HD	CSI	
1	-1330	.00	.53	.53
2	-1183	.00	.53	.54
3	-1183	.00	.53	.54
4	-1330	.00	.53	.53

TC FORCE	AXL	HD	CSI	
1	1258	.18	.21	.39
2	775	.12	.20	.31
3	1258	.18	.21	.39

WEB FORCE	CSI	WEB FORCE	CSI
2-7	-562 .16	3-8	762 .45
3-7	762 .45	4-8	-562 .16

MAX DEFLECTION (span):
 ✓999 IN MEM 6-7 (LIVE)
 A = -.08" D = -.05" T = -.13"

Joint Locations

1	0-0-0	6	0-0-0
2	5-5-0	7	7-1-6
3	10-6-0	8	13-10-10
4	15-7-0	9	21-0-0
5	21-0-0		

ORIGINAL

THIS DESIGN IS THE COMPOSITE RESULT OF
 VARIOUS LOAD CASES.
 ALL DIMENSIONS SHOWN ARE BASED ON THE
 TRUSS MATERIAL AT EACH BEARING.
 REFER TO THE CONTRACT DOCUMENTS FOR
 THE DESIGN OF THE CONNECTIONS.

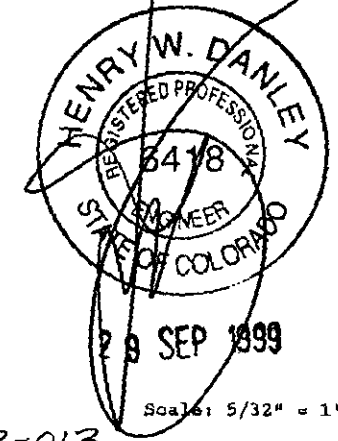
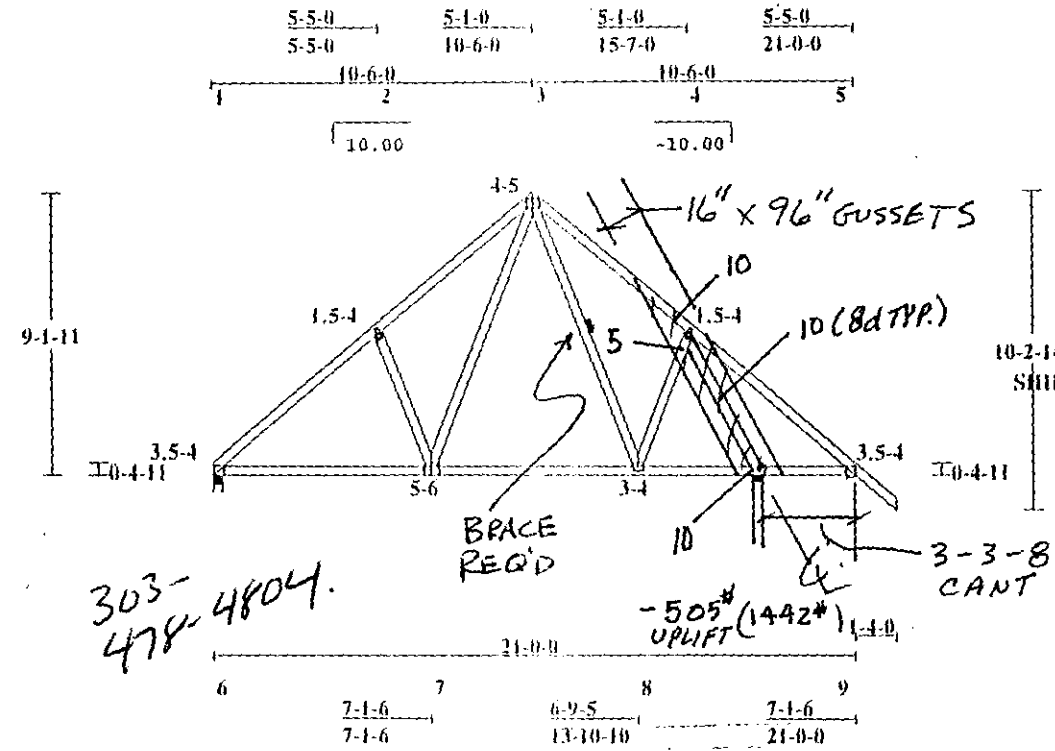
UPLIFT REACTION(S):

Reaction 1	-360#
Reaction 2	-505#

UPLIFT REACTION(S):

Reaction 1	110#
Reaction 2	110#

REPAIR- TRUSS MUST BE CANTILEVERED
 3-3-8 ON ONE END.
 *ADEQUATELY SUPPORT THE TRUSS
 UNTIL THE REPAIR IS COMPLETE.
 *LET IN A 2 X 4 # 2 WEB.
 *APPLY 7/16" APA (MIN. SPAN
 RATING 24/16), EXPOSURE 1,
 PLYWOOD (OR OSB) TO EACH
 FACE WITH 8d NAILS AS SPECIFIED
 PER GUSSET. THE NAILS MUST BE
 EVENLY DISTRIBUTED THROUGHOUT.
 THE NUMBER ASSOCIATED WITH A
 LINE POINTING TO THE GUSSET IS
 THE AMOUNT OF NAILS REQUIRED
 IN THE MEMBER PER GUSSET.



Trussal Systems Plates are 20 ga. unless shown by "18" (18 ga.) or "H" (16 ga.), positioned per Joint Report. Circled plates and false frame plates are positioned as shown above.

REF: CO9925102-013

SITO BUILDING COMPONENTS

OTIS, CO. 80743
 OFF: (970) 246-3461
 Denver: (303) 825-4420
 Tp5.0 Version 03.19.99

WARNING Read all notes on this sheet and give a copy of it to the Erecting Contractor.

This design is for an individual building component. It has been based on specifications provided by the component manufacturer and done in accordance with the current versions of TPI and AIA design standards. No responsibility is assumed for dimensional accuracy. Dimensions are to be verified by the component manufacturer and/or building designer prior to fabrication. The building designer shall ascertain that the loads utilized on this design meet or exceed the loading imposed by the local building code. It is assumed that the top chord is laterally braced by the roof or floor sheathing and the bottom chord is laterally braced by a rigid sheathing material directly attached, unless otherwise noted. Bracing shown is for lateral support of components members only to reduce buckling length. This component shall not be placed in any environment that will cause the moisture content of the wood exceed 19% and/or cause connector plate corrosion. Fabricate, handle, install and brace this truss in accordance with the following standards: "TRUSSING MANUAL" by Trussal, "QUALITY CONTROL STANDARDS FOR METAL PLATE CONNECTED WOOD TRUSSES" (QST-88), "HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES" (HIB-91) and "HIB-91 SUMMARY SHEET" by TPI. The Truss Plate Institute (TPI) is located at 585 1/2 North Lincoln, Suite 31, Denver, Colorado 80210. The American Institute of Steel Construction (AISC) is located at 500 North Dearborn Street, Chicago, Illinois 60610.

Associated: This unofficial copy was downloaded on Jul-21-2019 from the City of Fort Collins Public Records Website: <http://citydocs.fcgov.com>
 For additional information or an official copy, please contact Building and Zoning Office 281 North College Fort Collins, CO 80521 USA

TBF:	53.7
Chk:	DOC
Design:	HJS #/C = 10
TC Live	30.0 pcf
TC Dead	10.0 pcf
BC Live	.0 pcf
BC Dead	10.0 pcf
	50.0 pcf

WO:	RP4259
Customer Name:	HOME PRO
DurFacs	L=1.15 P=1.15
Rep Mbr End	1.15
O.C. Spacing	2-0-0
Design Spec	UBC
Defl Ratio:	L/240 TC: L/240